

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended) An interchangeable raised access floor panel, floor access panel, comprising:

(a) a substantially flat floor panel floor panel plate having four right angle corner portions, four lateral edge portions, an substantially flat upper load bearing supporting surface, and a lower surface, the lower surface to be in order to support the floor panel plates supported at each of the four corner portions on a plurality of pedestal support head members, the upper load bearing surface and the lower surface defining a floor panel plate thickness each adjacent to a corner of the floor panel;

(b) at least one panel lifter handle movably connected to the floor panel plate adjacent to at least one of the lateral edge portions, the handle member having a substantially rectangular top plate, and two opposing vertical side plates, the top plate having a thickness substantially equal to the floor panel plate thickness and a cut-out portion in order to lift the handle, the side plates each having an upper portion connected to the top plate and a lower portion having a lug in order to bias against the lower surface of the floor panel plate when the handle is operated upwardly in a lifting position; and movably connected to the floor panel, having a top wall and two opposing vertical side walls, the side walls having a first and a second ends, the first ends connected to form a right angle to the top wall and the second ends having a lug for securing the second ends to the floor panel lower surface when the handle member is operated upwardly in an open position; and

(c) at least a substantially rectangular clear hole in the floor panel top plate positioned in order to receive the handle top plate when the handle is operated downwardly in a position wherein the floor panel top plate is planar to the upper load bearing surface. one recess means, adjacent to a lateral edge of the floor panel, for receiving the top wall of the handle member

~~when the handle member is operated downwardly in a position planar to the floor panel upper surface.~~

Claim 2 (withdrawn – currently amended) The interchangeable access floor panel according to Claim 1, further comprising,

(a) four threaded collars in the floor panel plate, one each positioned adjacent to each of the corner portions; and

(b) four set screws, each having an upper tool receiving end and a lower foot end, the upper tool receiving end connected to the one each of the collars and the lower foot end for urging the set screws against a pedestal support head when the set screws are operated in order to permit vertical adjustment of the floor panel plate in relation to the pedestal support head.

~~The raised floor access panel according to Claim 1 further comprising, an adjustable panel leveler means, threadably connected to the floor panel through a hole adjacent to each corner of the floor panel, for biasing against the pedestal support member, operated with successive pivotal movements of the panel leveler, for incremental adjustment of the upper surface of the floor panel to a position planar with a raised floor~~

Claim 3 (canceled).

Claim 4 (canceled).

Claim 5 (canceled).

Claim 6 (currently amended). ~~A raised floor access panel, comprising a substantially flat panel having an upper load supporting surface and a lower surface to be supported on a plurality of pedestal members each adjacent to a corner of the panel and a panel leveler threaded through a hole in each corner of the panel for adjusting a distance between the panel and the pedestal members.~~ A method for replacement of a raised access floor panel, comprising the steps of:

(a) providing a pedestal support system matrix having a plurality of pedestal support members each connected with a plurality of stringers;

(b) providing an interchangeable floor panel plate having four corner portions, four lateral edge portions, a substantially flat upper load bearing surface, and a lower surface, the lower surface in order to be supported at each of the four corner portions on a pedestal support

head member, the upper load bearing surface and the lower surface defining a floor panel plate thickness;

(c) providing four threaded collars in the floor panel plate, one each positioned adjacent to each of the corner portions;

(d) providing four set screws, each having an upper tool receiving end and a lower foot end, the upper tool receiving end connected to the one each of the collars and the lower foot end for urging the set screws against a pedestal support head when the set screws are operated in order to permit vertical adjustment of the floor panel plate in relation to the pedestal support head;

(e) replacing an existing floor panel with the interchangeable floor panel plate from the pedestal support system; and

(f) rotating at least one of the set screws to permit vertical adjustment of the floor panel plate upper load bearing surface to a predetermined level which is planar with an adjacent raised floor panel.

Claim 7 (previously presented) A raised floor access panel, comprising:

(a) a substantially flat floor panel having an upper load supporting surface and a lower surface to be supported on a plurality of pedestal support members each adjacent to a corner of the floor panel;

(b) at least one panel lifter handle having a top wall and two side walls, the side walls slidably extending through a first and second slots in a plate rigidly attached to the lower surface of the floor panel for vertical travel of the panel lifter handle top wall and side walls upwardly, through a generally rectangular floor panel recess for removing the floor panel from the pedestal support members; and

(c) an angle bracket extending downwardly from an underside of the plate and an adjustable corner lock pivotally mounted on the bracket, the corner lock on a lever arm actuated by a side wall of the panel lifter handle to forcefully bias the panel against the pedestal.

Claim 8 (previously presented) The raised floor access panel according to Claim 7 further, comprising a lock mounted in the top wall of the panel lifter handle and extending through a hole in the plate for securing the corner lock against the pedestals.

Claim 9 (previously presented) The raised floor access panel according to Claim 7 further, comprising a panel lock mounted through a hole in the plate, the hole circumscribing the lock in the top wall of the panel lifter handle, and a latch attached to the top wall of the panel lifter handle and extending through a third slot in the plate for securing the panel corner lock against the pedestal members.

Claim 10 (currently amended) An interchangeable raised access floor panel, comprising~~consisting essentially of:~~

(a) a floor panel plate having four corner portions, four lateral edge portions, a substantially flat upper load bearing surface, and a lower surface, the lower surface in order to be supported at each of the four corner portions on a pedestal support head member, the upper load bearing surface and the lower surface defining a floor panel plate thickness; a substantially flat floor panel having four corners, and a plurality of air flow perforations extending through an upper load supporting surface and a lower surface; and

(b) four threaded collars in the floor panel plate, one each positioned adjacent to each of the corner portions; and an adjustable panel leveler means, threadably connected to the floor panel through a hole disposed adjacent to each corner of the floor panel, for biasing against a pedestal support member, operated using successive pivotal movements of the panel leveler to incrementally adjust the upper surface of the floor panel to a position planar with a raised floor.

(c) four set screws, each having an upper tool receiving end and a lower foot end, the upper tool receiving end connected to the one each of the collars and the lower foot end for urging the set screws against a pedestal support head when the set screws are operated in order to permit vertical adjustment of the floor panel plate in relation to the pedestal support head.

Claim 11 (currently amended) The interchangeable raised access floor panel, according to Claim 10, wherein the floor panel plate further comprises:

(a) at least one handle movably connected to the floor panel plate adjacent to at least one of the lateral edge portions, the handle having a substantially rectangular top plate, and two opposing vertical side plates, the top plate having a thickness substantially equal to the floor panel plate thickness and a cut out portion in order to lift the handle, the side plates each having an upper portion connected to the top plate and a lower portion having a lug in order to bias

against the lower surface of the floor panel plate when the handle is operated upwardly in a lifting position; and

(b) a substantially rectangular clear hole in the floor panel top plate positioned in order to receive the handle top plate when the handle is operated downwardly in a position wherein the floor panel top plate is planar to the upper load bearing surface.~~further consisting essentially of at least one panel lifter handle member, movably connected to the floor panel, having a top wall and two opposing vertical side walls, the side walls having a first and a second ends, the first ends connected to form a right angle to the top wall and the second ends having a lug for securing the second ends to the floor panel lower surface when the handle member is operated upwardly in an open position, and at least one recess means, adjacent to a lateral edge of the floor panel, for receiving the top wall of the handle member when the handle member is operated downwardly in a position planar to the floor panel upper surface.~~